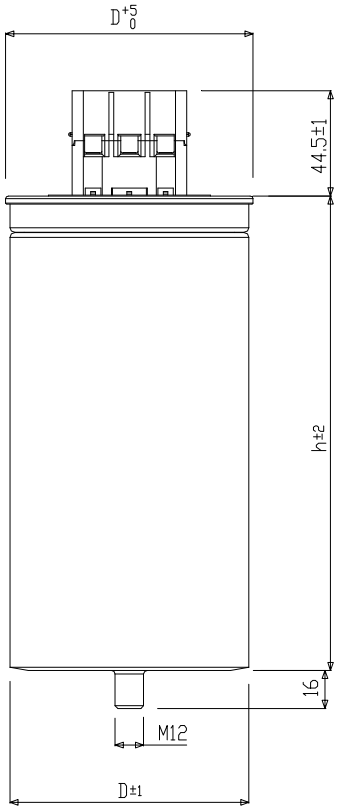
VMtec	THREE PHASE CAPACITOR - VMXD POWER FACTOR CORRECTION	Qn = 50kVAR 400Vac

CHARACTERISTICS

Power	50	kVar
Rated Capacitance	332	µF
Capacitance Tolerance	-5+10%	
Rated Voltage Un	400	V
Rated frequency	50	Hz
Rated Current (In)	72	A
Dielectric	PPM film	Self healing
Dielectric losses	<=0.2	W/kVar
Connection	D	
Overpressure safety device		
Aluminium case		
Dry resin filled		
Max cable section	25	sqmm

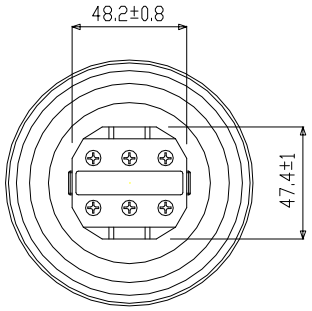


Equipment

Discharge resistors	50V/1min

MAXIMUM RATINGS

Overvoltage	1,1 Un	8 hours/day
	1,15 Un	30min/day
	1,2 Un	5min/200times
	1,3 Un	1min/200times
Overcurrent:	3 In	
Inrush current:	100 In	
Voltage raise of rise (dV/dt)	100	V/µs



TEST DATA

AC Test voltage terminal to terminal	2.15Un	Vac (2 sec)
AC test voltage terminal to case	3000	Vac (10 sec)

CLIMATIC CATEGORY

Temperature class	-25/D	(max 55°C)
Storage temperature	-40 +75	°C
Altitude maximum	2000m	a.s.l.

Failure quota	300/10E9
Expected life (Ln)	110000h

Fixing Stud : M12
Case materials: Aluminium

Ø (mm)	H (mm)
125 ± 1	370 ± 2

Standards: EN60831-1
EN60831-2

Degree of protection: IP20 indoor mounting

Humidity category	in accord. with DIN 40040	F
Self-extinguishing	in accord. with UL 492	
Vibration resistance	in accord. with EIA STAND. RS-186-7E	

Total elongation is about 15 mm after the overpressure disconnector release.
Don't use rigid connections.